

CLAIMS

I CLAIM:

1.A gardening implement comprising:

a blade having a fastening end;

a handle having a fastening end with a hollow interior; and

a fastening structure for fastening detachably said fastening end of said blade with said fastening end of said handle;

wherein said fastening structure comprises:

a deviation groove located in an outer wall of said fastening end of said blade;

a fixation seat fastened with a free end of said fastening end of said handle and provided with a retaining slot extending along a longitudinal direction of said handle such that said retaining slot is in communication with said hollow interior of said fastening end of said handle, said fixation seat further provided with a sliding slot extending in a direction perpendicular to the longitudinal direction of said handle such that said sliding slot is in communication with said retaining slot whereby said sliding slot is provided in two inner side walls with a stop recess; and

a slide block provided with a retaining through hole and two stop edges corresponding in location to said two stop recesses of said sliding slot whereby said slide block is slidably disposed in said sliding slot of said fixation seat along with a spring in such a way that said retaining through hole of said slide block is corresponding in

location to said retaining slot of said fixation seat, and that an inner end of said slide block is urged by one end of said spring, with other end of said spring urging an inner wall of one end of said sliding slot;

said fastening end of said blade being detachably fastened with said fastening end of said handle in such a manner that said fastening end of said blade is inserted into the hollow interior of said fastening end of said handle via said retaining slot of said fixation seat and said retaining through hole of said slide block, and that said deviation groove of said fastening end of said blade is engaged with said retaining through hole of said slide block, with said retaining through hole of said slide block being eccentric with said retaining slot of said fixation seat whereby said retaining through hole of said slide block and said retaining slot of said fixation seat become concentric at the time when said slide block is caused by an external force to slide to press against said spring, thereby resulting in disengagement of said deviation groove of said fastening end of said blade with said retaining through hole of said slide block, so as to enable said blade to be separated from said handle.

2.The gardening implement as defined in claim 1, wherein said hollow interior of said fastening end of said handle is provided with a fixation block which is provided with a center through hole and is located fixedly in said hollow interior, and a rod provided at a top end with a contact portion and at a bottom end with an elastic inverted hooked portion, said rod being movably held by said fixation block along with a recovery spring fitted over said rod in such a way that said elastic inverted hooked portion of said rod is put through said center through hole of said fixation block, and that one end of said

recovery spring urges said contact portion of the top end of said rod, and that other end of said recovery spring urges said fixation block, said recovery spring being compressed by a force exerting on said contact portion of said rod by said fastening end of said blade at the time when said blade is fastened with said handle whereby said compressed recovery spring serves to provide said fastening end of said blade with a spring force to push said fastening end of said blade out of said fastening end of said handle at such time when said deviation groove of said fastening end of said blade becomes disengaged with said retaining through hole of said slide block.